

ABSTRACT

A transmitting arrangement, in particular for mobile radio, has a quadrature modulator with an upstream, digital signal processing unit. In order to suppress side bands and the carrier frequency, which may occur as a result of excessive matching tolerances between the components which are used, a feedback path couples the modulator output to the digital signal processing unit. The feedback path provides the envelope of the transmission signal at the input of the digital signal processing unit in order to provide preemphasis in the digital signal processing. The envelope can be provided by an undersampling A/D converter in the feedback path.